

FEB 2 2 2002

TECH CENTER 1600/2900



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/930,915A

DATE: 02/11/2002 TIME: 14:21:58

APR 0 3 2002

TECH CENTER 1600/29

Input Set : A:\Iccl02p1.app

Output Set: N:\CRF3\02112002\1930915A.raw

3 <110> APPLICANT: Birkett, Ashley J. 5 <120> TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED 6 STABILITY 8 <130> FILE REFERENCE: 4564/83501 ICC-102.2 PCT 10 <140> CURRENT APPLICATION NUMBER: 09/930,915A 11 <141> CURRENT FILING DATE: 2001-08-15 13 <150> PRIOR APPLICATION NUMBER: 60/226,867 14 <151> PRIOR FILING DATE: 2000-08-22 16 <150> PRIOR APPLICATION NUMBER: 60/225,843 ENTERED 17 <151> PRIOR FILING DATE: 2000-08-16 19 <160> NUMBER OF SEQ ID NOS: 313 21 <170> SOFTWARE: PatentIn Ver. 2.1 23 <210> SEQ ID NO: 1 24 <211> LENGTH: 16 25 <212> TYPE: PRT 26 <213> ORGANISM: Plasmodium falciparum 28 <400> SEQUENCE: 1 29 Asn Ala Asn Pro Asn Ala Asn Pro Asn Ala Asn Pro Asn Ala Asn Pro 30 1 10 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 20 35 <212> TYPE: PRT 36 <213> ORGANISM: Plasmodium falciparum 38 <400> SEQUENCE: 2 39 Glu Tyr Leu Asn Lys Ile Gln Asn Ser Leu Ser Thr Glu Trp Ser Pro 40 1 42 Ala Ser Val Thr 46 <210> SEQ ID NO: 3 47 <211> LENGTH: 15 48 <212> TYPE: PRT 49 <213> ORGANISM: Streptococcus pneumoniae 51 <400> SEQUENCE: 3 52 Lys Leu Glu Glu Leu Ser Asp Lys Ile Asp Glu Leu Asp Ala Glu 56 <210> SEQ ID NO: 4 57 <211> LENGTH: 35 58 <212> TYPE: PRT 59 <213> ORGANISM: Streptococcus pneumoniae 61 <400> SEQUENCE: 4 62 Gln Lys Lys Tyr Asp Glu Asp Gln Lys Lys Thr Glu Glu Lys Ala Ala 5 10

65 Leu Glu Lys Ala Ala Ser Glu Glu Met Asp Lys Ala Val Ala Ala Val

RAW SEQUENCE LISTING DATE: 02/11/2002 PATENT APPLICATION: US/09/930,915A TIME: 14:21:58 Input Set : A:\Icc102p1.app Output Set: N:\CRF3\02112002\I930915A.raw 66 20 25 30 68 Gln Gln Ala 69 35 72 <210> SEQ ID NO: 5 73 <211> LENGTH: 27 74 <212> TYPE: PRT 75 <213> ORGANISM: Cryptosporidium parvum 77 <400> SEQUENCE: 5 78 Gln Asp Lys Pro Ala Asp Ala Pro Ala Ala Glu Ala Pro Ala Ala Glu 81 Pro Ala Ala Gln Gln Asp Lys Pro Ala Asp Ala 82 20 85 <210> SEQ ID NO: 6 86 <211> LENGTH: 17 87 <212> TYPE: PRT 88 <213> ORGANISM: Human immunodeficiency virus type 1 90 <400> SEQUENCE: 6 91 Arg Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Ile Thr Lys 92 1 10 94 Asn 98 <210> SEQ ID NO: 7 99 <211> LENGTH: 31 100 <212> TYPE: PRT 101 <213> ORGANISM: Foot-and-mouth disease virus 103 <400> SEQUENCE: 7 104 Tyr Asn Gly Glu Cys Arg Tyr Asn Arg Asn Ala Val Pro Asn Leu Arg 10 107 Gly Asp Leu Gln Val Leu Ala Gln Lys Val Ala Arg Thr Leu Pro 108 20 25 111 <210> SEQ ID NO: 8 112 <211> LENGTH: 10 113 <212> TYPE: PRT 114 <213> ORGANISM: Influenza A virus 116 <400> SEQUENCE: 8 117 Tyr Arg Asn Leu Leu Trp Leu Thr Glu Lys 118 1 121 <210> SEQ ID NO: 9 122 <211> LENGTH: 23 123 <212> TYPE: PRT 124 <213> ORGANISM: Influenza A virus 126 <400> SEQUENCE: 9 127 Ser Leu Leu Thr Glu Val Glu Thr Pro Ile Arg Asn Glu Trp Gly Cys 128 5 10 1 130 Arg Cys Asn Gly Ser Ser Asp 131 20 134 <210> SEQ ID NO: 10 135 <211> LENGTH: 23 136 <212> TYPE: PRT

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 - Use of n and/or Xaa has been detected in the Sequence Listing review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 02/11/2002

PATENT APPLICATION: US/09/930,915A

TIME: 14:21:59

Input Set : A:\Icc102pl.app

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No.	Doccode	Number of pages
1	CTMS	1

Remarks:		
Order of re-scan issued on		